



Product Details :-

Code : FAFLPRL01/50
Model : Reactor Vessel Lamp - LED
Series : Flame proof

Electrical Data :-

Working voltage range : 100 - 277 VAC
Input voltage : 220 - 240 VAC
Power : 50W
Power factor : >0.95
Frequency : 50Hz
THD : < 15%
Driver : Constant current active
Powerfactor corrected
Driver registration No. : BIS-IS15885-2-13:2012,
R- 63000353
IS16104:2012
Driver Efficiency : > 85%

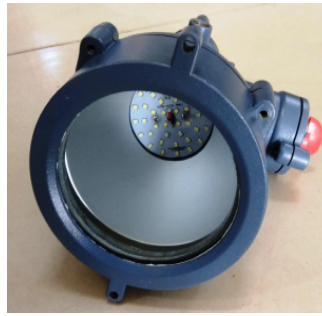
Light Data :-

LED Type : SMD LED, LM80 Certified
System efficacy : >60lm/W
CCT : 2700K - 6500K
CRI : Typical 70
Glass : Toughened Glass
LED Life time : 50,000 hours

Environmental :-

Working temperature : 0 °C to + 55 °C
Working humidity : 10 to 90% RH
Storage temperature : -10 °C to + 85 °C

AAI Curve :-



Approved by BIS & CIMFR

CIMFR No : IN/CIMFR/TR21/S/1228 & Dt:28-07-2021

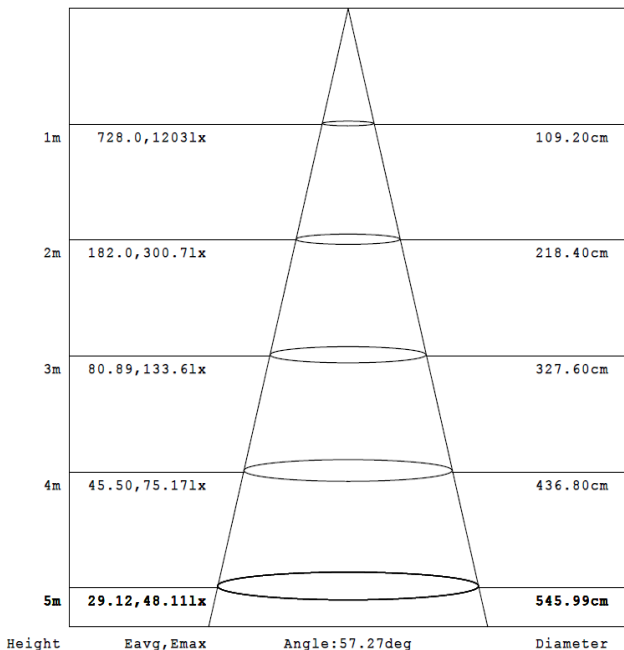
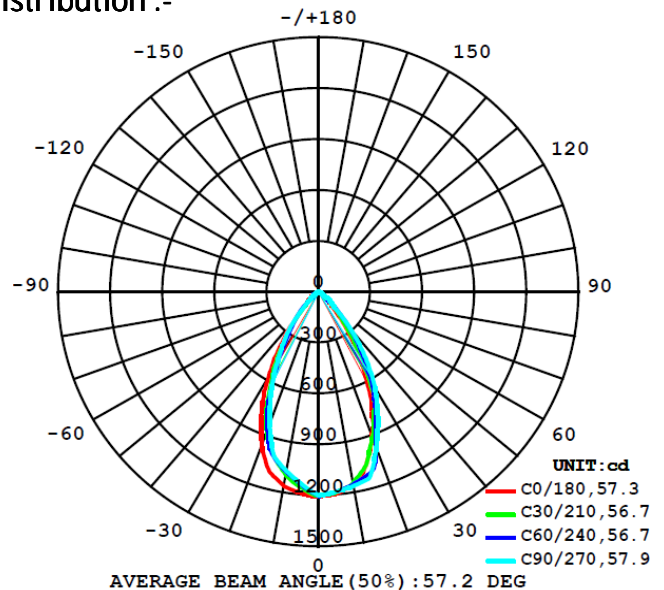
BIS: CM/L-4784181

Gas group IIC

Technical Details :-

Type of Ex - protection : Ex-d Type, IS/IEC60079-1:2007
Zone Classification : Zone 1 & Zone 2
Gas group : IIA, IIB, T6 IS/IEC60079-0:2011
Ingree IP Protection : IP66 IS/IEC60529:2001
Material of construction : Pressure die cast aluminum alloy LM6
Powder coating : Epoxy polyester powder coating
Earthing : Internal -01 No. External 02 Nos.
Cable entry : 2 No's. for 3/4" Et (M20)
Hardware : Stainless steel
Dimensions : Dia192mmxH276mm
Weight : 2.45 Kgs approx.,

Light distribution :-



* On all electrical parameters (+/-10%) tolerance to be considered * On all mechanical dimensions & weight (+/-5%) tolerance to be considered

Note : The above specification are subjected to change without prior notice

